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TI - DETERGENT FOR CONTACT LENS

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PA - KURARAY CO LTD

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IC2 - C11D-001/72

AB - PURPOSE: To sufficiently remove the stains of lipid sticking to a contact lens simply by immersing the contact lens into the detergent by incorporating a nonionic surfactant mixture having a specific value of the HLB value indicating the balance of the relative intensity of the lipophilicity and hydrophilicity of surfactants.

CONSTITUTION: This detergent is prepd. by mixing the nonionic surfactant having $<+10$ HLB value and the nonionic surfactant having ≥ 13 HLB value and contains both surfactants at such a ratio at which the HLB value of this mixture is within a 9.7 to 14.5 range. The nonionic surfactant having 0 to 10 HLB value includes, for example, polyoxyethylene nonyl ether having 2 to 5 number of repeating units of ethylene oxide, etc., and the nonionic surfactant having 13 to 20 HLB value includes, for example, polyoxyethylene nonyl phenyl ether having ≥ 9 number of repeating units of ethylene oxide, etc. This detergent has high detergency to the stains of the lipid and can remove the stains of the lipid without manual rubbing.

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